HEALTH
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Mountain Ash Urban District Council

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Medical Officer of Health's

annual report 1968

MOUNTAIN ASH URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

YEAR ENDED 31st DECEMBER, 1968

BY

J. Ll. WILLIAMS

M.R.C.S., L.R.C.P., D.P.H. (LOND.)

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PUBLIC HEALTH COMMITTEE

Day of Meeting:
First Tuesday of each month

Chairman:
Councillor W. J. Williams

Members:

Councillor A. S. J. Hillier
Councillor E. Pritchard
Councillor A. G. Davies, J.P.
Councillor Miss M. George
Councillor Mrs. M. Lewis
Councillor W. E. V. Mogford
Councillor J. Lloyd
Councillor M. Mason
Councillor H. Jones
Councillor K. A. Penfold
Councillor P. V. Smith
Councillor W. Morgan
Councillor T. I. W. A. Davies
Councillor R. G. Owen
Councillor W. J. Northam
Councillor H. Phillips
Councillor C. Williams
Councillor G. E. Morgan
Councillor N. A. Thomas
Councillor J. L. Thomas
Councillor F. J. Brooks, J.P.

Staff of Public Health Department

Medical Officer of Health (Part time) ..... J. Ll. Williams, M.R.C.S., L.R.C.P., D.P.H. (Lond.)

Senior Public Health Inspector ... G. M. James, M.A.P.H.I., Cert. Meats and Other Foods

Public Health Inspector ..... R. G. Jones, Cert. P.H.I.E.B., A.R.S.H.

* *Public Health Inspector* ..... R. Mitchard, Dip.P.H.I.E.B., M.A.P.H.I.

Pupil Public Health Inspector ... M. Jones

Shops and General Purposes Inspector ..... R. Lewis

Clerk ..... B. Davies

Shorthand Typist ..... Miss J. Owens

* Public Health Inspector R. Mitchard left in May 1968 for another appointment.

MOUNTAIN ASH URBAN DISTRICT COUNCIL

MEDICAL OFFICER OF HEALTH'S ANNUAL REPORT

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
THE POPLARS,
MOUNTAIN ASH.

Tel. No. : Mountain Ash 3241

To the Chairman and Members of the Mountain Ash Urban District Council

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary conditions of the District, and the work carried out by your Officers of the Public Health Department, together with the vital and other statistics for the year 1968.

I wish to record my thanks to the Members of the Council for the interest they have shown in the Department, to the Clerk of the Council and Chief Officers for their ready co-operation and to Mr. G. M. James, Senior Public Health Inspector and the Staff of the Public Health Department.

Yours sincerely,

J. Ll. Williams,

Medical Officer of Health.

GENERAL STATISTICS

Area of District (in acres)	10,504
Census Population (1961)	29,575
Registrar's estimated population	28,150
Rateable Value	£485,687
Sum represented by penny rate	£1,857

VITAL STATISTICS

Live Births	442
Illegitimate live births % of Total live Births	4.07
Live Birth Rate per 1000 population	15.70
Stillbirths	13
Rate per 1000 total live and stillbirths	29.0
Total live and stillbirths	455
Infant Deaths (deaths under 1 year)	9
Infant Mortality rate per 1000 live births—Total	20.0
Legitimate Infant Deaths per 1000 Legitimate live births	18.87
Illegitimate Infant Deaths per 1000 Illegitimate live births	55.5
Neo Natal Mortality rate per 1000 live births	15.8
Early Neo Natal Mortality rate	15.8
Perinatal Mortality rate	43.95
Maternal Mortality rate (including abortion)	—
Maternal Mortality rate per 1000 live and stillbirths	—

DEATHS

Deaths that actually occurred in the district	254
Local residents who died outside the Area	121
Residents of other districts who died in the Mountain Ash area	6
Corrected number of deaths for the Area	369

Three hundred and sixty-nine deaths occurred among local residents giving a death rate of 13.11 per 1000.

Death Rate for 1967	11.80
Death Rate for England & Wales for 1968 per 1000 (crude)	11.9
For Glamorgan (Administrative County)	12.5
For Urban Districts	12.3
For Rural Districts	10.0

INFANT MORTALITY AND PERI-NATAL MORTALITY, 1968

Source	Infant Mortality	Peri-Natal Mortality	
	Deaths under one year Rate per 1,000 live births	Stillbirths & Deaths under one week	Rate per 1,000 live and stillbirths
England and Wales	18.0	20,600	25.0
Glamorgan County	21.0	372	30.0
Urban Districts	23.0	270	32.0
Rural Districts	17.0	102	25.0
Mountain Ash	20.0	20	43.95
Some larger Glamorgan Districts :			
Aberdare	28.0	19	28.0
Porthcawl	19.0	2	14.0
Bridgend	16.0	8	41.0
Caerphilly	28.4	27	34.0
Gelligaer	19.5	12	19.0
Maesteg	12.0	10	29.0
Neath Borough	26.0	14	36.0
Neath Rural	25.0	17	26.0
Pontypridd	22.0	16	29.0
Rhondda Borough	30.0	50	37.0

STILL BIRTHS

The number of stillbirths registered was 13 of which 7 were males and 6 female. The Stillbirth Rate per 1000 registered live and stillbirths being 29.0.

INFANT MORTALITY

The following table shows the Infantile Mortality—Deaths under One Year Rates per 1000 Births since 1921.

Year	England Wales	Mountain Ash	Year	England Wales	Mountain Ash
1921	83	83·2	1945	46	57·0
1922	77	85·3	1946	43	50·0
1923	69	64·2	1947	41	73·0
1924	75	74·0	1948	34	46·0
1925	75	88·7	1949	32	46·0
1926	70	69·7	1950	39·8	48·64
1927	69	89·5	1951	29·6	41·74
1928	65	70·9	1952	27·6	50·88
1929	74	70·9	1953	26·8	24·76
1930	60	84·3	1954	25·5	21·23
1931	66	72·6	1955	24·9	36·56
1932	65	88·3	1956	23·8	25·97
1933	64	69·0	1957	23·0	44·23
1934	59	67·4	1958	22·5	47·52
1935	57	87·0	1959	22·0	26·92
1936	59	68·1	1960	21·7	34·76
1937	58	84·8	1961	21·4	14·74
1938	53	45·7	1962	21·4	26·97
1939	50	76·9	1963	20·9	28·96
1940	55	54·0	1964	20·6	16·85
1941	59	65.0	1965	19·0	30·86
1942	49	45.7	1966	19·0	29·47
1943	49	46.4	1967	18·3	23·0
1944	46	51.9	1968	18.0	20.0

Neo-Natal Mortality

1951	18·8	23·50	1960	15·6	24·54
1952	18·9	24·56	1961	15·5	28·42
1953	17·7	17·14	1962	15·1	18·67
1954	17·7	10·62	1963	14·2	17·37
1955	17·3	27·96	1964	13·8	13·10
1956	16·9	17·32	1965	—	14·30
1957	16·5	28·85	1966	12·9	15·71
1958	16·2	31·68	1967	—	14·43
1959	15.8	26.92	1968	12.3	15.8

Perinatal Mortality

1959	34·2	54·00	1964	28·2	32·91
1960	32·9	58·94	1965	26·9	24·34
1961	32·2	32·85	1966	26·3	34·62
1962	30·8	42·25	1967	25·4	22·50
1963	—	37.70	1968	25.0	43.90

The following table gives the number of still births per 1000 live and stillbirths for the past fifteen years :

1954	46.5	1962	31.12
1955	29.2	1963	26.64
1956	29.4	1964	18.53
1957	33.4	1965	16.78
1958	28.8	1966	21.15
1959	31.1	1967	8.1
1960	39.29	1968	29.0
1961	24.64		

Table of Infant Mortality during the Year 1968

Cause of Death	Under 1 day		1 - 7 days		1 - 2 weeks		2 - 3 weeks		3 - 4 weeks		Over 4 weeks and under 3 months		3 - 6 months		6 - 9 months		9 - 12 months		TOTALS	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Other Endocrine etc. Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
Pneumonia	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Congential Anomalities ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Birth Injury, Difficult Labour etc.	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Other Causes of Perinatal Mortality	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
TOTALS	**4**	**3**	—	—	—	—	—	—	—	**1**	—	—	—	—	—	—	1	—	**5**	**4**

CAUSES OF DEATH

	Male	Female	Total
All Causes	214	155	369
Tuberculosis of Respiratory System	2	—	2
Other Tuberculosis, incl. Late Effects	—	1	1
Other Infective and Parasitic Diseases	1	—	1
Malignant Neoplasm—Stomach	6	6	12
Malignant Neoplasm—Lung, Bronchus	12	—	12
Malignant Neoplasm—Breast	—	2	2
Leukaemia	—	1	1
Other Malignant Neoplasms, etc.	19	13	32
Diabetes Mellitus	1	1	2
Other Endocrine etc. Diseases	3	1	4
Anaemias	—	1	1
Other diseases of Nervous System, etc.	1	2	3
Chronic Rheumatic Heart Disease	3	1	4
Hypertensive Disease	5	8	13
Ischaemic Heart Disease	44	25	69
Other Forms of Heart Disease	9	12	21
Cerebrovascular Disease	20	23	43
Other Diseases of Circulatory System	6	13	19
Infleunza	1	3	4
Pneumonia	15	10	25
Bronchitis and Emphysema	29	7	36
Asthma	—	1	1
Other Diseases of Respiratory System	10	2	12
Peptic Ulcer	1	1	2
Intestinal Obstruction and Hernia	2	2	4
Other Diseases of Digestive System	3	2	5
Nephritis and Nephrosis	1	—	1
Hyperplasia of Prostate	3	—	3
Other Diseases, Genito-urinary System	2	1	3
Diseases of Musculo-Skeletal System	—	2	2
Congenital Anomalies	1	—	1
Birth Injury, Difficult Labour, etc.	1	1	2
Other Causes of Perinatel Mortality	2	2	4
Symptoms and Ill-Defined Conditions	5	9	14
Motor Vehicle Accidents	3	—	3
All Other Accidents	1	2	3
Suicide and Self-Inflicted Injuries	2	—	2

The number of deaths in which Pneumoconiosis figured in the Death Certificates was :—15.

The following table shows the number of deaths from Cancer in the area during the past five years.

	1964			1965			1966			1967			1968		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Stomach	7	3	10	4	5	9	6	3	9	5	4	9	6	6	12
Lung, Bronchus	13	1	14	7	5	12	19	—	19	11	1	12	12	—	12
Breast	—	3	3	—	6	6	—	6	6	2	4	6	—	2	2
Uterus	—	8	8	—	4	4	—	—	—	—	2	2	—	—	—
Other	19	16	35	16	11	27	16	8	24	16	9	25	19	13	32
Totals	39	31	70	27	31	58	41	17	58	34	20	54	37	21	58

LIVE BIRTHS

	Male	Female	Total
Legitimate	220	204	424
Illegitimate	9	9	18
	229	213	442

Birth rate per 1000 home population being	15.70
1967 birth rate per 1000 home population was	16.62
The birth rate for England & Wales being (crude)	16.9
The birth rate for Glamorgan (Administrative County)	16.5
The birth rate for Urban Districts (England & Wales) being	15.7
The birth rate for Rural Districts (England & Wales) being	18.4

ILLEGITIMATE BIRTHS

The number of illegitimate births registered was 18 of which 9 were girls and 9 were boys. One death occurred.

NOTIFIABLE DISEASES

During the year the following notifications were received :

	Male	Female	Total
Scarlet Fever	4	7	11
Whooping Cough	4	2	6
Acute Poliomyelitis	—	—	—
Measles	138	114	252
Dysentery	—	—	—
Pneumonia	—	—	—
Food Poisoning	—	—	—
Puerperal Pyrexia	—	2	2
Erysipelas	2	1	3
Meningo Coccal Infection	—	—	—
Infective Jaundice	4	6	10

The following table shows the incidence of confirmed infectious diseases during the past seven years.

Disease	1968	1967	1966	1965	1964	1963	1962
Scarlet Fever	11	14	13	28	24	18	23
Diphtheria	—	—	—	—	—	—	—
Measles	252	72	276	110	99	341	10
Pneumonia	—	1	5	2	5	6	9
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—
Whooping Cough	6	-	3	—	10	3	—
Erysipelas	3	6	2	3	2	3	—
Paratyphoid	—	—	—	—	—	4	—
Meningococcal Infection	—	—	—	2	2	—	—
Enteris Fever	—	—	—	—	—	—	—
Puerperal Pyrexia	2	9	1	—	13	5	4
Dysentery	—	—	—	3	4	9	17
Ophthalmia Neonatorum	—	—	—	—	—	—	—
Infective Jaundire	10	—	—	—	—	—	—

THE HEALTH SERVICES AND PUBLIC HEALTH ACT, 1968

Under the Public Health Act, 1936, certain infectious diseases were defined as notifiable diseases and all sections relating to the prevention and notification of disease in this Act and the Public Health Act, 1961, applied automatically to them. Various of the sections mainly relative to notification and to measures for preventing the spread of disease were applied by Regulations made under the Act of 1936.

The Health Services and Public Health Act, 1968, has amended the list of notifiable diseases and Section 47-49 of this Act came into operation on 1st October, 1968, together with the Public Health (Infectious Diseases) Regulations, 1968. These Regulations consolidate, with amendments all previous Regulations, relating to the notifications and prevention of infectious except the Public Health (Prevention of Tuberculosis) Regulations, 1925. The duties of a Medical Officer of Health with respect to notifications, returns and reports of diseases are prescribed, superseding certain provisions in the Public Health Offices Regulations, 1959; and certain measures for preventing the spread of disease are authorised.

Overall the principle changes from earlier Regulations are :

(a) Responsibility for notifying a case or suspected cases of food poisoning or infectious disease rests exclusively on the medical practitioner attending the patient.

(b) The powers of :

(i) a medical officer of health of a district to vaccinate contacts of persons suffering from smallpox have been extended to other diseases.

(ii) a local authority to require a person to stop work in order to prevent spread of infection are extended to permit action in cases of food poisoning.

(c) The infectious diseases now to be notified to the medical officer of health are :

Acute encephalitis
Acute meningitis
Acute poliomyelitis
Anthrax
Cholera
Diphtheria
Dysentery (amoebic or bacillary)
Infective Jaundice
Leprosy
Leptospirosis
Malaria
Measles
Ophthalmia neonatorium
Paratyphoid Fever
Plague
Relapsing Fever
Scarlet Fever
Smallpox
Tetanus
Tuberculosis
Typhoid Fever
Typhus
Whooping Cough
Yellow Fever

N.B.—Tetanus and Yellow Fever for the first time require to be notified as does Leptospirosis which hitherto was notified only in certain areas. Notification of the diseases listed below is no longer required.

Acute Influenzal Pneumonia
Acute Primary Pneumonia
Acute Rheumatism
Erysipelas
Membranous Croup
Puerperal Pyrexia

ANNUAL REPORT OF FOOD POISONING NOTIFICATION (corrected)

Food poisoning notifications (corrected) returned to Registrar General—**Nil.**

Outbreaks.

Total Outbreaks—**Nil.**

Single Cases.

Total number of known cases—**Nil.**

TUBERCULOSIS

The number of new cases notified in 1968 was :

Tuberculosis—Pulmonary	.....	5
Meningitis	.....	—
Other Forms	.....	1
Total notified during the year	.....	6
Cases of Tuberculosis admitted to Sanatoria in 1968	.....	1
Cases of Tuberculosis discharged from Sanatoria in 1968	.....	—

The following table gives the age and sex distribution of persons notified as suffering from Tuberculosis and of those who have died from the disease.

Age Periods	New Cases Notified				Deaths			
	Respiratory		Other Forms		Respiratory		Other Forms	
	M.	F.	M.	F.	M.	F.	M.	F.
0 to 5	—	—	—	—	—	—	—	—
5 to 14	—	—	—	—	—	—	—	—
15 to 24	—	1	—	—	—	—	—	—
25 to 44	—	—	—	1	—	—	—	1
45 to 64	1	—	—	—	—	—	—	—
65 and over ...	3	—	—	—	2	—	—	—
Age unknown	—	—	—	—	—	—	—	—
TOTALS	4	1	—	1	2	—	—	1

The following table shows the incidence of Tuberculosis in the district for the past 20 years.

Year	Cases Notified		Deaths	
	Respiratory	Other Forms	Respiratory	Other Forms
1949	34	6	18	—
1950	44	7	18	6
1951	54	6	14	1
1952	59	6	16	—
1953	73	5	15	1
1954	52	4	9	—
1955	35	4	10	1
1956	28	4	5	—
1957	28	2	10	—
1958	23	1	39	—
1959	27	3	9	—
1960	28	3	11	—
1961	21	2	8	—
1962	12	2	1	—
1963	21	1	7	—
1964	14	1	5	—
1965	15	—	7	—
1966	10	1	3	1
1967	15	1	1	1
1968	5	1	2	1

CHEMICAL AND BACTERIOLOGICAL EXAMINATIONS

Arrangements for the chemical and bacteriological examinations of specimens from this area remain the same as in previous years.

With the exception of the Sputum Outfits (which are obtained from the Chest Physician at the Chest Clinic) all other outfits for the collection and transmission of specimens can be obtained from the Public Health Department, The Poplars, Mountain Ash. Medical Practitioners within the area are aware of this fact, and are encouraged to use these facilities.

The following tables show the nature of specimens sent for examination and also the results :

A	B	C	D	E	F
Staphylococal Infection	Ear Swabs	1	—	1	Case
Dysentery	Faecal Swabs	21	5	16	Suspect Cases

A—Disease suspected **B**—Type of specimen **C**—Number taken
D—Positive result **E**—Negative result **F**—Source of specimen

WATER

The water undertaking for the Urban area is the Taf Fechan Water Board. Although connections have been made to the existing supply mains in the area, with mains from outside the area, the main sources of supply, except when there may be a shortage of water, are those previously supplying the district. These are :

(1) Penderyn
(2) Clydach
(3) Darranlas
(4) Perthcelyn

with service reservoirs at :

(a) Buarth-y-Capel
(b) Abercynon
(c) Gilfach Rhyd
(d) Cefnpennar
(e) Penrhiwceiber High Service.

The various schemes initiated by the Council to improve the water supply generally within the district, have however been continued.

Work was commenced during the year for the provision of a Treatment and Purification Plant for the Clydach and Perthcelyn Supplies.

With the exception of a few isolated houses and farmhouses all premises in the area are supplied direct from public supply.

SWIMMING POOLS AND PADDLING POOLS

There are three paddling pools and one open air swimming pool in the Urban Area. The swimming pool is situated at Gwernifor Grounds, Mountain Ash and the three paddling pools are situate as under :

(1) Gwernifor Grounds, Mountain Ash (Brynifor Paddling Pool)
(2) Lee Gardens, Penrhiwceiber
(3) Parc Abercynon, Abercynon.

The capacities of the swimming pool and paddling pools are :—

Gwernifor Swimming Pool	150,000 gallons
Abercynon Paddling Pool	60,000 gallons
Penrhiwceiber Paddling Pool	40,000 gallons
Bryn Ifor Paddling Pool	37,000 gallons

The Gwernifor Swimming Pool has a continuous flow of water through a pressure filtration plant with coagulation and filtration. The rate of change of water in the baths is once in six hours. The paddling pools have a continuous flow through Bell Bros. Purification Plants. The water undergoes chlorination by gaseous chlorine injection, and alum and soda ash treatment for coagulation and precipitation.

In September work commenced on the provision of a paddling pool in Butcher's Field, Ynysybwl. The pool will have a capacity of 13,500 gallons, and is filtered by a Diatonaceous Earth Filtration plant, which gives a complete rate of change over seventy minutes.

Samples of the bath and pools water are taken during the bathing seasons, and the summary of results of the analyses of the samples are included in the appended tables.

RIVER POLLUTION

The state of the River Cynon within the area has been maintained in a reasonably satisfactory condition throughout the year.

In general, efforts to improve the cleanliness of the river in the area continued, in co-operation with the River Board.

REFUSE DISPOSAL AND COLLECTION

The collection of household refuse is carried out under the direct control of the Engineer and Surveyor's Department. The frequency of refuse collection of both trade and household is as previously. Household refuse is collected twice weekly and trade refuse is collected once weekly. A small charge is made for the collection of trade refuse and many traders throughout the area take advantage of the service.

Water Supplies

Bacteriological and chemical analyses were made from samples taken from distribution points at weekly intervals. A table showing results of bacteriological and chemical tests on the supplies is given below. The Taf Fechan Water Board were supplied with copies of the Analyst's reports.

Source of Supply		Results of Bacteriological Tests				Results of Chemical Tests			
		Number Samples	Satis-factory	Unsatis-factory	% Satis.	Number Samples	Satis-factory	Unsatis-factory	% Satis.
Penderyn Reservoir	Treated	84	71	13	84.5%	84	62	22	86.0%
Perthcelyn Reservoir	Treated	78	59	19	75.5%	78	70	8	89.3%
Clydach Reservoir	Treated	56	41	15	73.0%	56	48	8	57.1%
Darranlas Reservoir	Treated	47	40	7	85.0%	47	47	—	100%

Swimming and Paddling Pools

Bacteriological and chemical analyses were made from samples taken from Pools at weekly intervals during the season. Considered unsatisfactory were all samples where the Public Analyst had any adverse comments to make. A table showing results of bacteriological and chemical tests is given below.

Gwernifor Swimming Pool	**Deep**	14	13	1	92.9%	14	5	9	35.6%
	Shallow	14	14	—	100%	14	6	8	42.8%
Penrhiwceiber Paddling Pool		13	11	2	84.6%	13	8	5	61.5%
Abercynon Paddling Pool		12	8	4	66.6%	12	6	6	50.0%
Brynifor Paddling Pool		14	11	3	78.5%	14	7	7	50.0%

The disposal of refuse from all parts of the Urban area is centred at the Pulverisation Plant at Pontcynon, where the domestic and trade refuse is resorted and processed before tipping on a nearby refuse tip.

Despite the fact that refuse bins have been distributed to householders, there is a considerable amount of indiscriminate tipping of rubbish in back lanes and on waste ground which is to be deprecated but difficult to stop without co-operation of the public, although every effort is made to do so.

SEWERAGE AND SEWAGE DISPOSAL

During the year a local inquiry was held into the appeal by the Joint Councils of Aberdare and Mountain Ash against the failure of the Glamorgan County Council as local planning authority to issue within the statutory period their decision on an application for planning permission for a sewage disposal works of an activated sludge type on land at Abercynon. The Secretary of State for Wales allowed the planning appeal in respect of this development subject only to conditions relating to details and landscaping. This has enabled the Aberdare and Mountain Ash Authorities to proceed with the establishment of a treatment works at Abercynon to serve both Authorities.

ATMOSPHERIC POLLUTION

Pollution of the air by the Phurnacite Plant affects part of both districts of Aberdare and Mountain Ash and consequently it has become the practice for both Authorities to exchange information and views in relation to this joint problem. The Phurnacite Plant lies within the boundary of the Aberdare Urban District Council and is therefore the direct repsonsibility of that Authority. However, the liason between the two Authorities previously mentioned makes it possible to report on behalf of the Mountain Ash Authority as follows :—

The year 1967 ended with the confident expectation that the National Coal Board would, at an early date, be submitting an application to erect an experimental Plant based on the Balfour Process at the Phurnacite Plant at Abercwmboi, and that this experimental Plant would be successful for as stated in last year's Annual Report, "the Balfour process does [redacted] hold out the hope of a major breakthrough and providing the pilot Plant proves successful, this process could well be the means of drastically reducing in the foreseeable future, the Atmospheric Pollution which at present plagues the Cynon Valley."

It was therefore a source of dismay to find that the Board's initial proposals were for the extension of the present Plant, by the construction of two new Disticoke batteries, based on the existing method of operation. The official planning application, however, submitted to Aberdare Urban District Council in February, 1968, provided for the construction of two Disticoke

batteries together with a Balfour pilot Plant and was accompanied by a statement setting out the considerations that forced the Board to give up the idea of using the Balfour process alone for the immediate extension of the Plant. These considerations contended that new issues raised by the developments in the Raw Coal Market demanded a viable process in full operation by 1970, and to meet such a date by the Balfour system was not possible. Should the pilot Plant require extended investigations it was possible that no commercial production would be possible until 1972 by which time a substantial market would be lost forever. While the Board appreciated that some of the problems of Pollution had not been solved on the existing batteries, they felt that the only possible course of action to met the demands of an expanding market was the installation of two further Disticoke batteries. They appreciated the importance attached by the Aberdare Council to consideration of alternative processes, and to meet these and the wishes of the community they also sought planning authority for a Balfour pilot Plant. Members of the Aberdare Town Planning Committee were not in a position to grant the application outright as the land on which it was proposed to build the batteries was no tscheduled for industrial use and since it was "out of accord" with the provisions of the development plan it fell to be considered in the context of the Town and Country Planning (Development Plans) Direction, 1965. The Aberdare Urban District Council decided to initate the proposal prescribed by the 1965 direction and the matter was eventually referred to the Secretary of State for Wales, who because of the nature of the proposal and the objections (which were mainly on the ground that the proposals would increase the Atmospheric Pollution which had been the subject of complaint over many years) decided to call in the application and hold a Public Inquiry.

The Board subsequently felt that the inevitable delays arising from the establishment of a full scale Public Inquiry were such that by the time the new plant was erected, the markets which it was designed to supply would have disappeared and, therefore, withdrew the original application and submitted two further applications. These were in respect of the construction of a Balfour pilot Plant within the confines of the existing industrial area and the erection of one additional Disticoke battery. To protect the locality from further continued nuisance by Pollution of the atmosphere, permission for the development of the new Disticoke battery was given on the condition that the detailed design for the new building should incorporate all such practicable constructional features as would be likely to reduce the incidence of Atmospheric Pollution from the Phurnacite Plant and should include in particular an independent quenching tower designed to limit grit emission during guenching in the production process.

The results of the analysis of samples taken at the various Stations are included in the tables which follow.

As a rough guide to the approximate standard of atmospheric pollution to be expected in the varying types of area throughout the country, the following table is included :

(a) Clean ..... less than 12·5 tons per sq. mile

(b) Fairly Clean ..... 12·5 - 37·5 tons per sq. mile

(c) Dirty ..... 37·5 - 62·5 tons per sq. mile

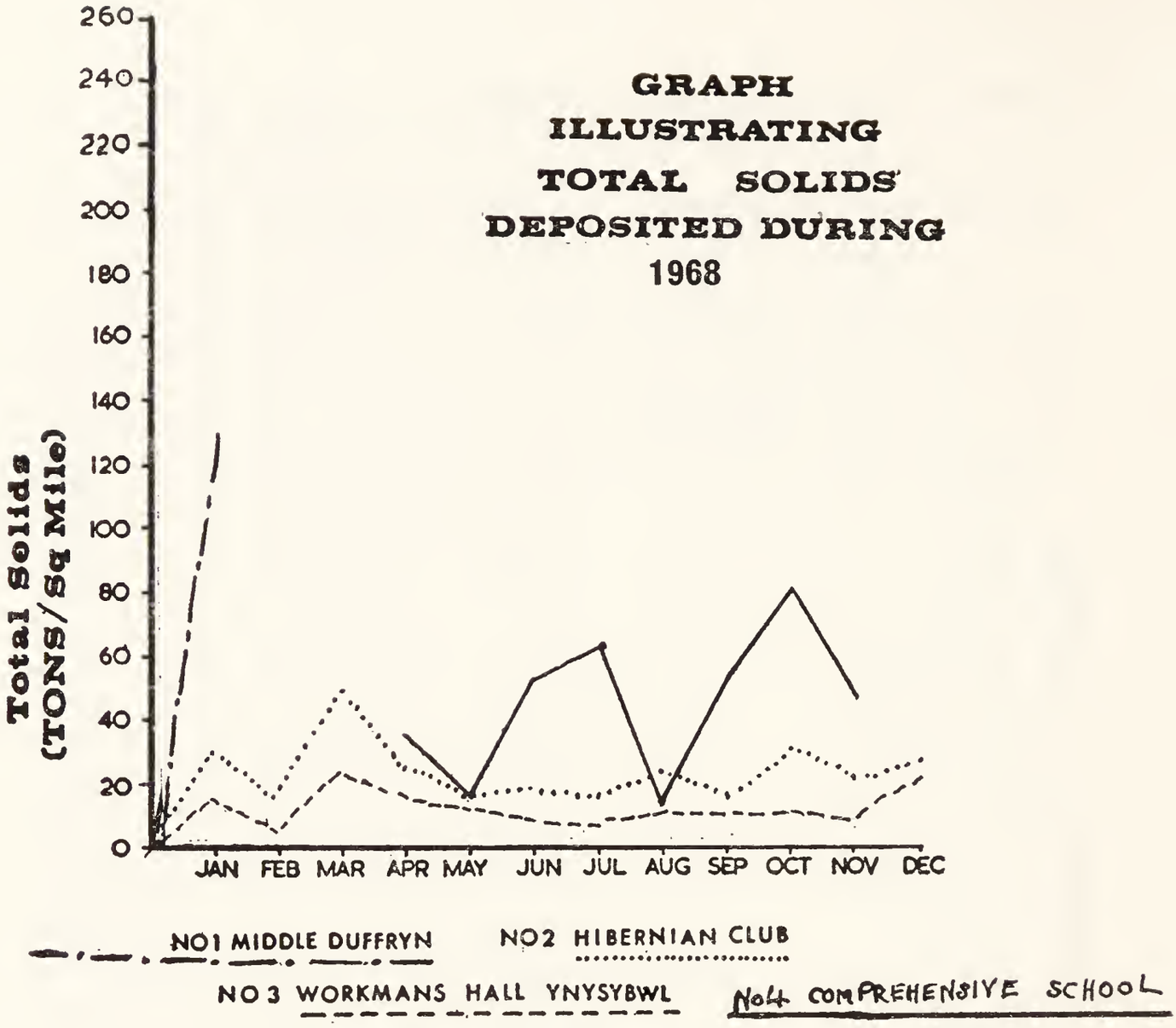
(d) Very Dirty ..... more than 62·5 tons per sq. mile

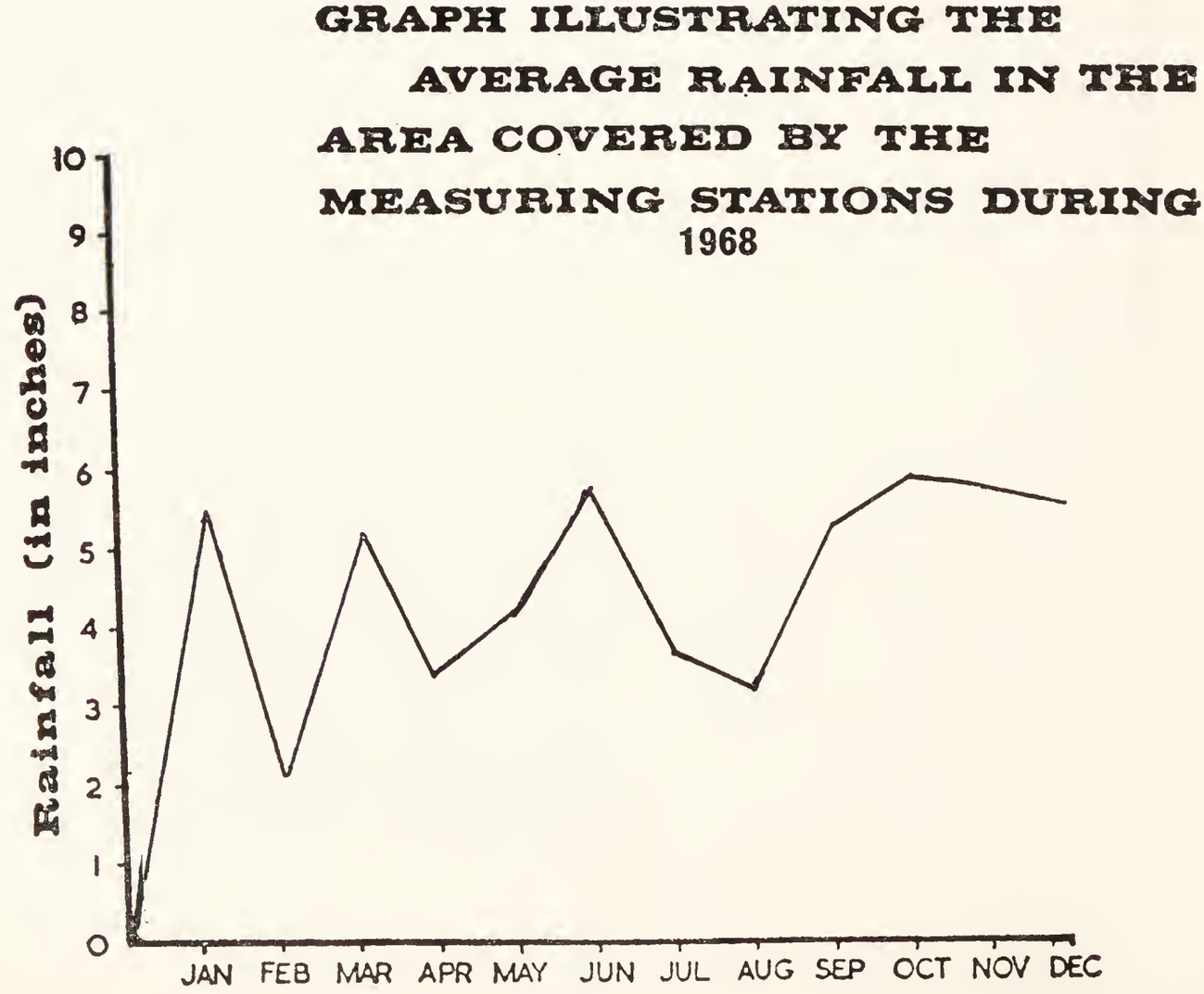
MEASUREMENT OF ATMOSPHERIC POLLUTION

Below is a table of analysis of samples of deposited matter collected from sites in the Mountain Ash and Aberdare areas. The figures denote estimated total solids in tons per square mile.

Collection Point	January	February	March	April	May	June	July	August	September	October	November	December
Hibernian Club, Mountain Ash	28.20	13.63	47.96	25.55	19.75	20.40	19.72	23.40	17.40	37.51	20.15	26.39
Workmen's Hall, Ynysybwl	15.90	7.83	24.00	18.20	17.00	14.70	6.09	14.52	15.60	15.50	13.64	22.04
Middle Duffryn, Mountain Ash	132.30	—	—	—	—	—	—	—	—	—	—	—
Comprehensive School, Mountain Ash	—	—	—	36.40	12.00	57.60	63.51	10.56	56.10	81.22	43.71	—
Aberdare & Dist. Co-op. (Central)	12.50	8.40	—	—	10.20	6.86	13.50	20.65	11.07	14.88	12.60	24.75
Aman School, Godreaman	12.48	6.16	29.94	12.00	10.80	12.09	7.50	14.35	14.58	22.94	11.48	21.78
Abercwmboi School, Abercwmboi	20.80	13.16	25.60	17.70	15.00	21.08	21.10	22.20	18.63	20.46	17.36	35.60
Duffryn Row, Cwmbach	15.04	26.63	22.04	22.50	16.80	25.73	8.10	19.98	19.98	14.57	23.24	21.45

The Atmospheric Pollution Station at Middle Duffryn, Mountain Ash, was discontinued after January. A new Station at the Comprehensive School, Mtn. Ash was commenced in April.


GRAPH ILLUSTRATING TOTAL SOLIDS DEPOSITED DURING 1968
Total Solids (TONS/Sq Mile)
260
240
220
200
180
160
140
120
100
80
60
40
20
0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
NO1 MIDDLE DUFFRYN
NO2 HIBERNIAN CLUB
NO 3 WORKMANS HALL YNYSYBWL
No4 COMPREHENSIVE SCHOOL


GRAPH ILLUSTRATING THE AVERAGE RAINFALL IN THE AREA COVERED BY THE MEASURING STATIONS DURING 1968
Rainfall (in inches)
10
9
8
7
6
5
4
3
2
1
0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Food Hygiene

(1) Number of Food Premises in the area :

Wholesale Greengrocers	2
Grocery and Provision Dealers	54
General Dealers	101
Greengrocers and Fruiterers	21
Fishmongers	1
Refreshment Dealers	12
Butchers	26
Fish Fryers	19
Confectioners	2
Bakeries	2
Licensed Premises (Public Houses and Clubs)	50
Wholesale Grocers	1
Wholesale Confectioners	1
Canteens—Colliery	4
Schools	9
Factories	4

(2) Number of Premises registered under Section 16, Food and Drugs Act, 1955 :

Manufacture and Sale of Ice Cream	3
Sale of Ice Cream	93
Fried Fish and Chipped Potatoes	18
Butchers Smalls	7
Distributors registered under the Milk and Dairies (General) Regulations, 1959	11

(3) As a result of visits to food premises it was necessary to draw the attention of shop keepers to the provisions of the Food Hygiene Regulations, but in general the shops were found to be satisfactory.

(4) **Ice Cream Regulations.**

As previously reported most of the Ice-cream sold in the area is pre-packed and manufactured by large Ice-cream manufacturing firms, but there are four registered premises within the area manufacturing Ice-cream.

During the year 13 samples of Ice-cream were taken from premises registered for the sale and manufacture of Ice-cream. The Analyst's reports indicated that all were Grade 1 and satisfactory.

SHOPS ACT, 1950

The shops in the Urban Area were regularly visited by the Shops and General Purposes Inspector in order to assure compliance with the Act. Difficulties in the main were experienced with those shops situated off the main streets, but it is hoped that continuing supervision will bring these shops into line with those that lie in the main streets.

Below is a classification of the shops in the area other than those included in the section of Food Hygiene.

Corn and Seed Merchants	3
Chemists	10
Departmental Stores	1
Drapers	30
Electrical Dealers	3
Furniture and Hardware Dealers	10
Hairdressers	22
Ironmongers	8
Jewellers	1
Boot and Shoe Dealers and Repairers	22
Dry Cleaners	2
Motor Cycle Accessories	10
Radio and T.V. Dealers	2
Newsagents and Stationers	14
Outfitters	6
Photographers	2
Decorators	3
Opticians	4
Toys and Leather Goods	2
Carpet Dealer	1
Motor Car Showrooms	3
Florist	1

FOOD AND DRUGS ACT, 1955

I give below a statement showing the number of samples taken by the County Sampling Officers in the Mountain Ash Urban Area during the year ended 31st December, 1968.

Sample	No. Taken
Baby Food	1
Butter	2
Cake Sponge Pastry Mix	2
Cream	2
Meat Products (Canned)	1
Milk	12
Soda Water	1
Soft Drinks	5
Skimmed Milk	1
Vitamin Tablets, etc.	1

I am indebted to Dr. W. E. Thomas, County Medical Officer of Health, for supplying me with the above information.

2 complaints were received of articles of food containing foreign bodies. The complaints were passed for necessary action to the Glamorgan County Council which is the Food and Drugs Authority for this area.

Housing

Housing Act, 1957

The Abernant Terrace, Ynysybwl, Clearance Order 1967 was confirmed on the 5th September, 1968, following a Public Inquiry at the Town Hall, Mountain Ash on 25th April, 1968. There were six houses subject to the order.

Action was also taken under the Housing Act, 1957, in respect of individual dwellings which were found to be unfit within the meaning of the Act.

The premises were dealt with a sunder :—

Number of premises subject to Closing Orders (Section 17) ... 4
Number of premises subject to Demolition Orders (Section 17) ... 16
Premises for which undertakings were accepted 1

The number of families rehoused by the Council from dwellings which were subject to Closing Orders, Demolition Orders and Cleraance Orders were 23 and the number of families privately rehoused was three.

Discretionery and Standard Grants

Discretionery and Standard Grants for improvements of houses are made available by the Council to property owners. Completed :

Discretionery Grants	44
Standard Grants	46

Applications :

Discretionery	58
Standard	30

RENT ACT, 1957

Certificates of Disrepair

1.	Number of Applications for Certificates of Disrepair	2
2.	Number of Decisions not to issue Certificates	Nil
3.	Number of Decisions to issue Certificates	2
	(a) in respect of some but not all defects	Nil
	(b) in all respects o fall defects	2
4.	Number of Undertakings given by Landlord under Para. 5 of First Schedule	2
5.	Number of Certificates issued	Nil
6.	Applications by Landlords to Local Authority for cancellation of Certificates	Nil
7.	Certificates cancelled	Nil

Homeless Families

INTERMEDIATE ACCOMMODATION

National Assistance Act, 1948—Section 21 (1) [b]

In 1964 there was provided at the old Isolation Hospital, Llanwonno Road, Mountain Ash, four units of Intermediate Accommodation. This scheme, designed to help homeless families is administered by a Joint Committee of the Aberdare, Pontypridd and Mountain Ash Urban District Councils. This scheme receives financial assistance from the Glamorgan County Council. The functions of the joint committee are :—

(1) To select tenants to occupy the accommodation from 'Homeless Family" cases presented to them by the Medical Officer of Health for the three Councils.

(2) To review, in the light of Reports by the said Medical Officers of Health, the progress of any "Problem Families" so accommodated, towards rehabilitation.

(3) To decide when tenancies shall be terminated, subject, however, to a maximum period in all cases of six months.

(4) To commend to the Council from whose district any tenant is admitted to the accommodation any such tenant considered worthy of normal rehousing in the District concerned, whether as a result of rehabilitation or otherwise.

The term "Homeless Families" includes not only "Problem Families" from Council owned and private accommodation in the three districts, but also those rendered homeless for any other cause and for whom no other normal housing accommodation is immediately available.

The main advantage of this type of accommodation is that it caters for the whole family unlike that provided by the Welfare Department of the Glamorgan County Council where accommodation is only available for the mother and children.

Whenever units become vacant they are repeatedly being extensively damaged by vandals. This has incurred, unfortunately, extra expense in the operation of this scheme.

In 1968, five families were temporarily housed within this scheme and 2 families were granted the tenancy of Council Houses at the end of the six months maximum period.

General Health and Welfare Services of the District

1.—SERVICES PROVIDED BY THE GLAMORGAN COUNTY COUNCIL:

(a) **Maternity and Child Welfare, Midwifery, Home Nursing, Home Help, School Medical and Health Visiting:**

These services are ministered by the

Divisional Health Officer,

Headquarters: Divisional Health Offices,
New Clinic Buildings,
Rock Grounds, Aberdare.
Tel.: Aberdare 2497/8.

For the residents of **Ynysybwl,** the services are administered by

Divisional Health Officer,

Headquarters: Divisional Health Offices,
Courthouse Street,
Pontypridd.
Tel.: Pontypridd 2275/6.

(b) **Mental Health Services:**

The duly authorised officers for this area are:

Miss A. M. D. Thomas,
4, Cledwyn Terrace,
Aberdare.
Tel.: Aberdare 2942.

Mr. D. Davies,
12, New Street,
Tonna, Neath.
Tel.: Neath 4319.

(c) **Ambulance Service:**

The Ambulance Station for this area is situated at:
Hawthorne, Pontypridd.
Tel.: Pontypridd 2522.

(d) **Welfare Services:**

Officers of the Welfare Department are available to offer advice and assistance to those in need of hostel accommodation, the blind and the handicapped.

The local offices for the area are:

(a) Area Office, Llewellyn Street,
Trecynon, Aberdare.
Tel.: Aberdare 3018.

(b) County Offices, Courthouse Street,
Pontypridd.
Tel.: Pontypridd 2275/6.

(e) **Children's Department:**

The Office of the Children's Department of the County Council is at:

Greyfriar's Road, Cardiff.
Tel.: Cardiff 28033.

(f) **Registration of Births, Deaths and Marriages:**

This area comes under the Pontypridd District, and the Superintendent's Office is at:

Courthouse Street, Pontypridd.
Tel.: Pontypridd 3122.

The local offices are situated at:

53, Commercial Street,
Mountain Ash.
Tel.: Mountain Ash 2792.
Monday and Thursday 9.30 a.m - 1.0 p.m. and 2.0 p.m. - 4.30 p.m.
Wednesday 9.30 a.m. - 1.0 p.m.
Friday 2.45 p.m. - 5.0 p.m.

1 Ynysmeurig Road, Abercynon.
Tuesday: 2.15 p.m. to 4.15 p.m.
Friday: 12.15 p.m. to 1.15 p.m.

Workmen's Hall, Ynysybwl.
Tuesday 10.15 a.m. - 12.15 p.m.
Friday 10.15 a.m. - 11.15 a.m.

(g) **Probation Officer:**

The address of the Principal Probation Officer is at:

St. Catherine's Chamber, Mill Street,
Pontypridd.
Tel.: Pontypridd 2157.

The local office is at:

Probation Officer Office, Cardiff Street,
Aberdare.
Tel.: Aberdare 2901.

2.—SERVICES PROVIDED BY THE WELSH REGIONAL HOSPITAL BOARD:

Hospital facilities for the area are ministered by:

(a) The Merthyr and Aberdare Hospital Management Committee:

The office of this Committee is at:

St. Tydfil's Hospital,
Merthyr Tydfil.
Tel.: Merthyr 3401.

(b) The Pontypridd and Rhondda Hospital Management Committee. Office at:

Courthouse Street,
Pontypridd.
Tel.: Pontypridd 2646.

(c) **Chest Clinics.**

Melbourne House, Penrhiwceiber Road, Penrhiwceiber, This Clinic is open on **Tuesday and Friday** mornings (10 a.m. to 12 noon) and once monthly for Contact Clinic.
Tel.: Mountain Ash 2719.
Glen View, Courthouse Street, Pontypridd.
(Open **Monday to Friday:** 9 a.m. to 5 p.m.
Saturday: 9 a.m. to 12 noon).
Tel.: Pontypridd 2204.

3.—SERVICES PROVIDED BY GOVERNMENT DEPARTMENTS.

(a) Ministry of Social Security:
Central Office (Wales) is at:

Government Buildings, St. Agnes Road,
Gabalfa, Cardiff.
Tel.: Cardiff 62131.

Local Offices: Duffryn Road, Mountain Ash.
Tel.: Mountain Ash 2215.
Park Buildings, Pontypridd.
Tel.: Pontypridd 3081.

Area Offices: Glanynys, Cwmbach Road,
Aberdare.
Tel.: Aberdare 2343.
The Grange, 58 Tyfica Road,
Pontypridd.
Tel.: Pontypridd 2295.

(b) Pneumoconiosis Medical Panel:
The Office is situated at the East entrance:

Prudential Buildings,
Cathays Park, Cardiff.
Tel.: Cardiff 26161.

4.—GENERAL PRACTITIONER SERVICES:

This service is provided by the Glamorgan Executive Council of:

Churchill House,
Churchill Way, Cardiff.
Tel.: Cardiff 26216.
(National Health Council).

5.—NATIONAL ASSISTANCE ACT, 1948—Burial of the Dead.

During the year one application was made to the Local Authority for assistance for Burial under the provisions of the above Act.

MEALS ON WHEELS SERVICE

The Urban area is divided into five delivery areas and these are, together with the number of persons receiving meals during the year ending 31st December, 1968, as set out hereunder:

Duffryn	68
Darranlas	73
Penrhiwceiber	76
Abercynon	69
Ynysybwl	66

On the 5th February, 1968, the Council increased the number of meals from two to three per week and appointed a further two part-time Driver Attendants.

The suppliers of the meals Messrs. J. F. Everest, Bridgend, who cater at Messrs. A.B. Electronic Components Ltd., where the Council obtained the meals for two meals per week, also cater for Messrs. Carpet Products Ltd. With the introduction of the third meal it was necessary to approach the management of Messrs. Carpet Products for their sanction to use the facilities of their canteen to enable the Council to supply the third meal. This sanction was readily given by the Management and the further extension of the service introduced.

The relationship between both Canteens, their Staffs, the Department and the Driver Attendants is excellent and the smooth operation of the Meals on Wheels Service in the area continued as in previous years.

The following statistics have been compiled and cover the year ending 31st December, 1968.

Total number of meals delivered since the inception of the service	60,882
Total number of meals delivered from 1st January, 1968 to 31st December, 1968	36,671
Number of new customers accepted during the year	80
Cancellations due to death	31
Cancellations due to illness, diets, moving to relatives, etc.	84
Total number of customers on list	352
Number of full-time Driver Attendants	6
Number of vans covering the area	3
Number of relief Driver Attendants	3

J. Ll. Williams,

Medical Officer of Health.

Summary of work done by the Public Health Inspectors

Number of premises inspected and revisited	583
Number of Notices served under Section 93, Public Health Act, 1936 :	
Informal	200
Statutory	69
General Repairs—	
Chimneys and fireplaces	45
Roofs	68
Eavesgutters and downpipes	37
External Walls	20
Windows and doors	61
Internal walls, partitions and ceilings	43
Floors	16
Internal Staircases	4
Cupboards and Skirtings	2
Sculleries and Pantries	9
Yard pavements and steps	6
Wash houses and coal houses	—
Boundary and forecourt walls	6
Repairs to water services	2
Accumulations removed	1
Garden retaining walls	1
Section 39, Public Health Act, 1936—	
Number of Notices served	6
Drainage—	
Cleansed, repaired and relaid	39
Drains tested	131
Section 45, Public Health Act, 1936—	
Number of Notices served	25
Section 47, Pubilc Health Act, 1961—	
Number of Notices served	1
Sanitary Conveniences—	
General Repairs	17
Waterflushing apparatus repaired or renewed	5
Watercloset pans renewed	11
Infectious Diseases—	
Number of cases visited	11
Disinfection—	
Number of premises disinfected after infectious disease	11
Number of dirty or verminous premises disinfected	48

PUBLIC HEALTH ACT, 1936 (Section 47)

In the latter part of 1967, the Council adopted Section 47 of the Public Health Act, 1936, which provides for the conversion of closets to waterclosets, the Council paying half the reasonable cost of the conversion.

Number of closets converted to waterclosets on application from the owner	18
Number of closets converted to waterclosets as a result of the service of a Statutory Notice	10

THE MILK AND DAIRIES (GENERAL) REGULATIONS 1959

The supervision of the retail distribution of milk is the duty of the local authority, although the licensing authority for the Designated Milks is the Glamorgan County Council.

During the year 27 samples of milk were taken for Bacteriological examination to the Public Health Laboratory at Cardiff.

Two samples of Pasteurised Milk only failed to pass the Methylene Blue Reduction Test, and the necessary action was taken.

FOODS CONDEMNED DURING 1967 AND 1968

1967

A total of approximately 6cwt. 3qtrs. 6lbs. of foodstuffs was found to be unfit for human consumption on examination, was voluntarily surrendered and destroyed:

	Weight		Weight
Tinned Baked Beans	5 lbs.	Cooked Ham	144 lbs.
Tinned Meats	33 lbs.	Tinned Fruit	104 lbs.
Tinned Soups/Stews, etc.	4 lbs.	Tinned Puddings	11 lbs.
Tinned Tomatoes	61 lbs.	Frozen Fish	55 lbs.
Tinned Vegetables	10 lbs.	Frozen Pastry	7 lbs.
Tinned Fish	9 lbs.	Evap./Cond. Milk	8 pts.
Frozen Meats	18 lbs.	Salt	13 lbs.
Frozen Vegetables	15 lbs.	Spaghetti	1 lb.
Cream	18 fl. oz.	Liver	25 lbs.
Chickens	2 lbs.	Lard	1 lb.
Sausage	15 lbs.	Orange Juice	63 fl. oz.
Butter	17 lbs.	Meat Paste	4 lbs.
Tinned Potatoes	2 lbs.	Table Jelly	¼lb.
Sugar	36 lbs.	Fresh Meat	92 lbs.
Cake	74 lbs.		

1968

A total of approximately 7 cwt. 2 qtrs. 1 lb. of foodstuffs was found to be unfit for human consumption on examination, was voluntarily surrendered and destroyed.

	Weight		Weight
Tinned Cooked Ham	84 lbs.	Tinned Syrup	4 lbs.
Tinned Cream	14 ozs.	Tinned Baby Food	7 ozs.
Tinned Sweets	58 lbs.	Packets Table Jellies	4 lbs.
Tinned Soup/Stews	4 lbs.	Tinned Chicken	10 ozs.
Sliced Bacon	10 lbs.	Cheese Portions	6 lbs.
Tinned Baked Beans	4 lbs.	Tinned Spinach	4 ozs.
Tinned Spaghetti	2 lbs.	Bottles Sauces	3 lbs.
Tinned Puddings	7 lbs.	Tinned Tomatoes	138 lbs.
Tinned Fish	15 lbs.	Tinned Cond./Evap. Milk	15 lbs.
Tinned Vegetables	33 lbs.	Tinned Fruit	152 lbs.
Tinned Meats	109 lbs.	Frozen Vegetables	54 lbs.
Frozen Fish	52 lbs.	Frozen Meats	48 lbs.
Frozen Pastries	17 lbs.	Frozen Potatoes	17 lbs.
Orange Juice	40 fl. ozs.		

PET ANIMALS ACT, 1951

Premises which sell pet animals are subject to annual licence issued by the Local Authority. No applications were received during the year.

RAG FLOCK AND OTHER MATERIALS ACT, 1951

One factory in the area is registered as an upholstery premises.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

One premises in the Urban Area applied for the renewal of its licence in respect of boarding animals under the above Act. The Veterinary Surgeon engaged by the Council made periodic inspections during the year to ensure that the provisions of the Act were fulfilled.

RIDING ESTABLISHMENTS ACT, 1964

There is one Riding Establishment licenced by the Authority in the area. This premises was inspected by the Council's Veterinary Surgeon and the licence renewed. Quarterly inspections were made of the premises and the horses to ensure that the provisions of the Act were fulfilled and the conditions found reported to the Council. The reports submitted indicated that the owners of the establishment conformed to the provisions and cared well for the animals.

NOISE ABATEMENT

A certain number of complaints relating to noise were received by the department during the year. All were capable of being dealt with informally.

CINEMATOGRAPH AND STAGE PLAY LICENCES

All cinemas or halls in the area which are subject to licences for cinematograph or stage play performances were inspected during the year by the Public Health Inspectors special attention being paid to cleanliness, condition of seats and sanitary convenience. There are four such premises within the Urban Area.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Inspection of shops and offices continued during the year. The required annual return, as prescribed, was submitted to the Ministry of Labour indicating the number of premises registered together with the number of persons employed. The details as included in the annual return are as below:

Number of Premises registered during 1968	7
Number of Females employed	13
Number of Males employed	7
Total number employed	20

Class of Premises	Number Registered	Number of Persons employed
Offices	39	113
Retail Shops	167	581
Wholesale Shops and Warehouses	4	15
Catering Establishments	33	101
Fuel Depots	Nil	Nil

It is the duty of the Local Authority to investigate accidents to employees occurring in the premises to which the Act applies, together with the action taken in respect of such accidents.

There were two accidents reported and investigated during 1968. In one case the employer was formally warned by the Council. In the other, proceedings were taken at the local Magistrate's Court under Section 16 (1) of the Offices, Shops and Railway Premises Act, 1963, and the management of the firm concerned were found guilty of the offence and fined £10.

RODENT CONTROL

Prevention of Damage by Pests Act, 1949

Two full-time Rodent Operatives are employed by the Council under the supervision of the Public Health Inspectors. During the year apart from notified infestations treated, surveys of the area including premises, riverbanks, streams and refuse tips were made and any infestations located were treated.

The public is generally co-operative in notifying the Department of the presence of any rats and mice and such co-operation is essential to a successful service.

The previous policy of the Council remains in respect of

(a) free treatment for private premises, and

(b) a charge for business premises.

The poison used by the Council for the treatment of all infestations is Warfarin. This poison is one of a number of poisons known as "anti-coagulants," it does not cause bait or poison shyness and therefore no pre-baiting is done, as is necessary with poisons such as Zinc Phosphide and Arsenious Oxide.

A summary of the treatment of surface infestation is as under :

	Rats	Mice
Number of business premises treated	16	—
Number of dwelling houses treated	251	60
Number of schools and school kitchens treated	10	7
Number of watercourses treated	101	—
Number of embankments treated	182	—
Number of river embankments treated	46	—
Number of refuse tips treated	10	—
Number of sewage beds treated	4	--
Number of recreation grounds treated	1	—
Number of allotments treated	10	—
Number of Local Authority premises treated ...	3	—
Number of back lanes treated	93	—
Number of housing sites treated	4	—
Number of Canal Bank sections treated	6	—
Number of Cemeteries treated	1	—
Number of Dwelling Houses surveyed		39

SEWER TREATMENTS

Two maintenance treatments of the sewers throughout the area were carried out with the results as set out in the table below. The treatments were carried out in accordance with the recommendation of the Ministry of Agriculture, Fisheries and Food and on both treatments the bait used was Warfarin, to Ministry of Agriculture specifications.

Set out below is a table of treatment results :

Number of Manholes	Number Baited	Number of complete and good takes	Number of small takes	Number of No takes	Number of Manholes not baited
677	430	21	90	319	247
677	670	23	91	556	7

FACTORIES

	No. on Register	Inspections	Written Notices	Prosecutions
(1) Factories in which section 1, 2, 3, 4, and 6 are enforced by Local Authorities	1	4	—	—
(2) Factories not included above in which Section 7 is enforced by the Authority	50	47	—	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers premises)	7	17	—	—
TOTALS	**58**	**65**	—	—

2—Cases in which Defects were found—

(If defects are discovered at the premises on two, three or more seperate occasions they should be reckoned as two, three or more "cases").

Particulars (1)	Number of cases in which defects were found: Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	By H.M. Inspector (5)	Number of cases in which prosecutions were instituted (6)
Want of cleanliness (S.1.)	—	—	—	—	—
Overcrowding (S.2.)	—	—	—	—	—
Unreasonable temperature (S.3.)	—	—	—	—	—
Inadequate ventilation (S.4.)	—	—	—	—	—

Particulars (1)	Number of cases in which defects were found: Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	By H.M. Inspector (5)	Number of cases in which prosecutions were instituted (6)
Ineffective drainage of floors (S.6.)	—	—	—	—	—
Sanitary Conveniences (S.7.)— (a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	—	—	—	—	—

Number of Outworkers 1

G. M. James,

Senior Public Health Inspector.

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